

Title (en)

GAS PHASE DISTRIBUTION CONTROL APPARATUS AND DIVIDING WALL COLUMN

Title (de)

VORRICHTUNG ZUR GASPHASENVERTEILUNG UND TRENNWANDSÄULE

Title (fr)

APPAREIL DE COMMANDE DE DISTRIBUTION DE PHASE GAZEUSE ET COLONNE À PAROI DE SÉPARATION

Publication

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Application

EP 20900619 A 20201210

Priority

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- CN 201911255201 A 20191210

Abstract (en)

[origin: EP4074394A1] A gas phase distribution control apparatus (30) and a dividing wall column (T), the gas phase distribution control apparatus (30) comprising a filler layer (35) and a distribution layer, the filler layer (35) being used for removing liquid from the gas phase, the distribution layer being positioned above the filler layer (35), the distribution layer being provided with at least two mutually independent gas phase channels, the at least two gas phase channels respectively connecting the filler layer (35) to above the distribution layer, each gas phase channel having an inlet close to the filler layer (35) and an outlet close to above the distribution layer, and the at least two inlets being arranged to have an opening size that can be adjusted by means of a gas phase distribution mechanism and on the basis of a preset gas phase distribution ratio. The defects of inaccurate gas phase distribution control and the small range of gas phase distribution ratio adjustment are thereby overcome.

IPC 8 full level

B01D 3/42 (2006.01); **B01D 3/14** (2006.01)

CPC (source: CN EP KR)

B01D 3/14 (2013.01 - CN KR); **B01D 3/141** (2013.01 - EP); **B01D 3/32** (2013.01 - KR); **B01D 3/42** (2013.01 - CN EP KR)

Citation (search report)

[XI] EP 3061507 A1 20160831 - CHINA PETROLEUM & CHEMICAL [CN], et al

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